BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to drain at 5th &1st B cross road at Difence colony in Ward 14, Bagalagunte

			Est. Cost Rs				15.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.152/I.19.2 PW, P & IWTD - SR 2013-14)	Cum							
	Cross roads Drain		1	393.00	0.50	0.30	58.95		
							58.95	90.72	**5348.00**
	Basic Rate	84.00							
	Add Area Weightage 8%	6.72							
	Total	**90.72**							
2	Removing B.S.Slab of drain and stacking etc., complete Page No. 28/ Item No. 5.32/ PWD SR 2013-14	**Sqm**							
	Cross roads Drain		1	393.00	0.90		353.70		
		Consider 60% Qty					212.22	50.11	**10635.00**
	Basic Rate	46.40							
	Add Area Weightage 8%	3.71							
	Total	**50.11**							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2013-14)	Cum							
	Cross roads Drain		1	393.00	0.45	0.15	26.53		
			2	393.00	0.30	0.15	35.37		
	Basic Rate	3973.00					**61.90**	4211.38	**260674.00**
	Add Area Weightage 6%	238.38							
	Total	**4211.38**							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M15 with OPC cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2013-14)	Cum							
	Cross roads Drain		1	393.00	0.45	0.075	13.26		

			2	393.00	0.20	0.10	15.72		
	Basic Rate	4425.00					**28.98**	4690.50	**135948.00**
	Add Area Weightage 6%	265.50							
	Total	**4690.50**							
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete Page No. 28/ Item No.5.33/ PWD SR 2013-14	**Sqm**							
		Qty Vide Iteam No 2					**212.22**		
	Basic Rate	64.85					212.22	70.04	**14863.00**
	Add Area Weightage 8%	5.19							
	Total	**70.04**							
6	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 27 I. 5.31.1) Page No. 28/ Item No. 5.31/ PWD SR 2013-14	**Sqm**							
	Cross roads Drain		1	393.00	-	0.90	**353.70**		
		Deduct Availabe Qty Vide Iteam No 2					**212.22**		
	Basic Rate	318.00					141.48	343.44	**48590.00**
	Area Weightage 8%	25.44							
	Total	**343.44**							
7	KSRB 5-14 : Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 27/ Item No. 5.27/ PWD SR 2013-14**	**Sqm**							
	Cross roads Drain		2	393.00	0.40		314.40		
	Basic Rate	856.00					**314.40**	924.48	**290657.00**
	Add Area Weightage 8%	68.48							
	Total	**924.48**							
8	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
			1	393.00	0.90		353.70		
	Data Rates Approved by CE DZ						**353.70**	1600.00	**565920.00**
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum							
			Qty Vide Item No. 1				**58.95**	78.24	**4612.00**
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							

	Add Area Weightage 8%	5.80							
	Total	78.24							
10	For Quality Control Report Charges1% of the Estimate Cost + KRIDL Cl. 10 of 14-Item Cl.								15000.00
11	Miscellaneous and UnforessenCharges								1439.00
								Total	1500000.00

(Rupees. Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

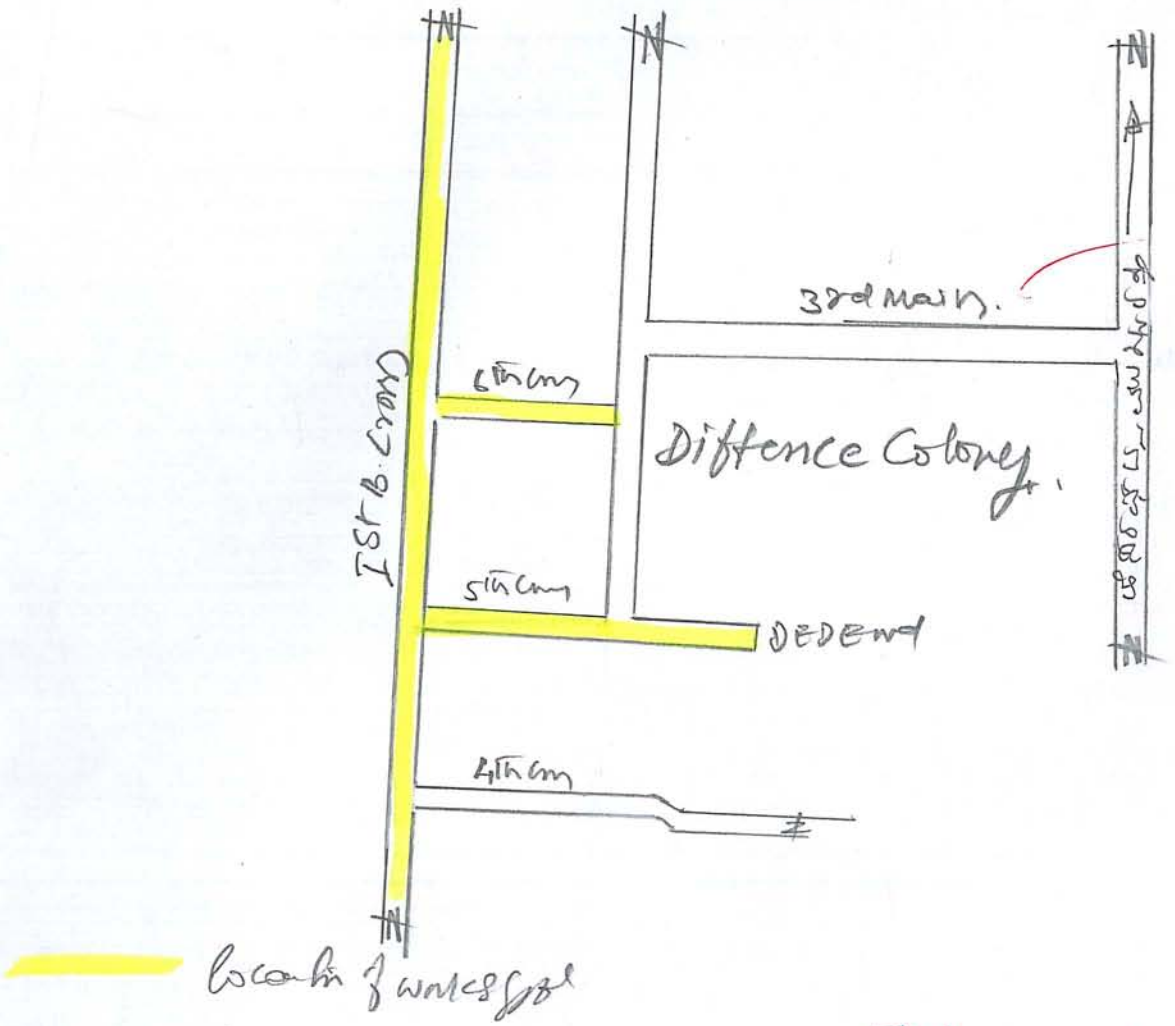
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. JC/DH/810/13-14 ದಿನಾಂಕ : 18-2-14
ರೂ. 15-00 lakhs (Fifteen lakhs only)
ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
P - 153
SLN : 810
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. ಇಇ/DD/15/715/13-14 ದಿನಾಂಕ : 19/2/2014
ರೂ. 15.00 lakhs (Rupees fifteen lakhs only)
ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Nature of work : Improvement to drain at 5th Cross
DR B Compound at Diffence Colony in
Ward No 14. Begalagutty

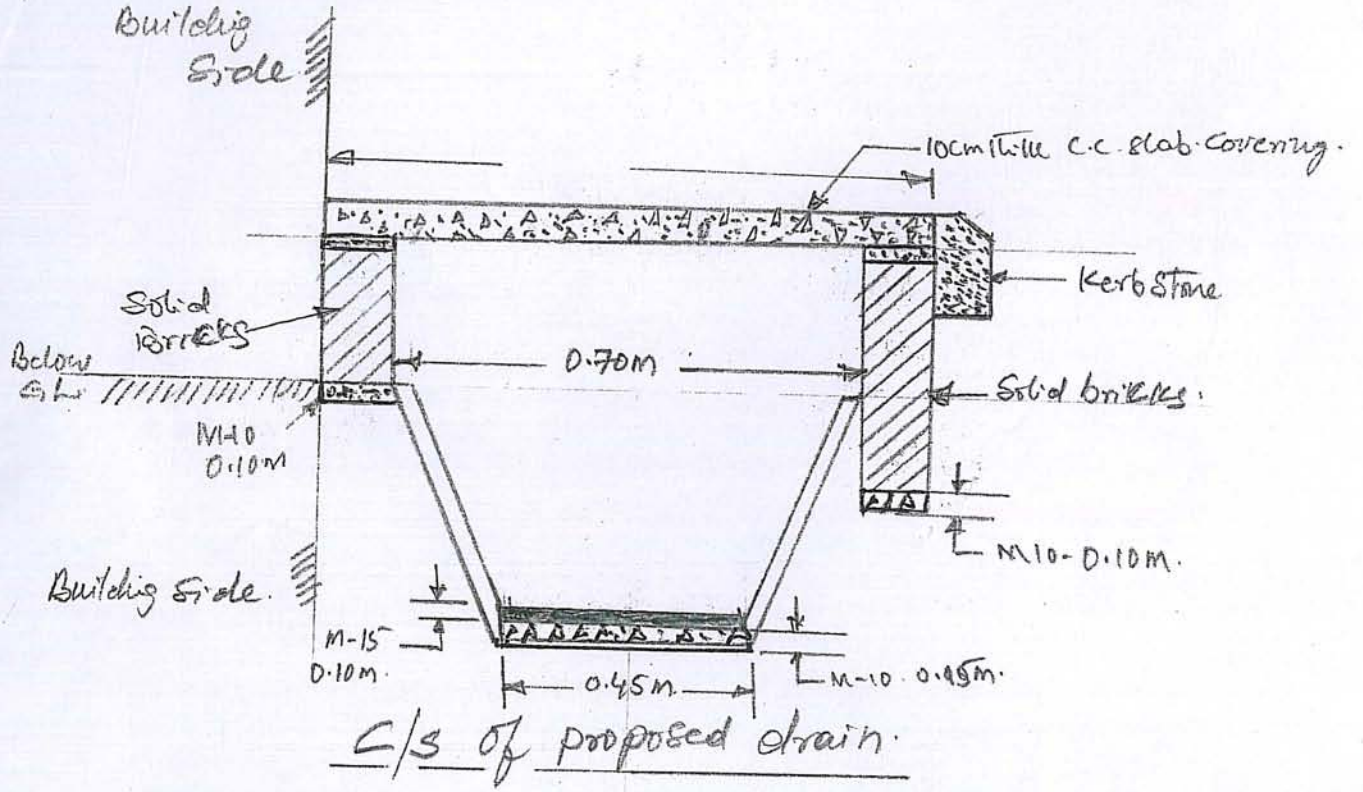


ಬರಿಕಿ ಕಾಮಗಾರಿಗಳ

ನಿರ್ವಹಣಾ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಆರ್. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

(4)

Name of work:- Improvement to drains at 375 Cross & DK B Cross road at difference colony in W No-14 Bagalagunte



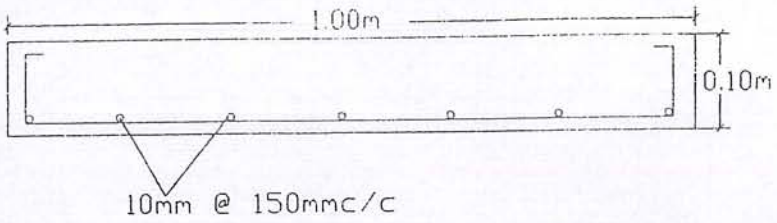
C/s of proposed drain.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ. ಬೆಂಗಳೂರು - 560 073

-:DATA RATE:-

Providing & Laying Reinforced cement precast slabs of mix M20 Using 20mm & down size graded granite metal using HYSD 10mm dia steel @150mm c/c both ways & complete as per specfications.

Rate Analysis for 1.0Sqm of R.C.C Precast of 0.10m Thick by Using PW.P&IWTD SR 2012-13



1).Steel Qty= 1x7x1.10=7.70m
= 1x7x0.90=6.30m
Tota=14.00m
=14.00x0.62kgs/m =8.68kgs

Cost of Steel including Fabrications
(P-19/I-4.46,SR 2012-13)=(Rs 71.89/Kgs)=8.68x71.89=Rs.624.00

2).Cost of Concrete Qty= 1.00x1.00x0.10=0.10Cum
(P-13/I-4.11,SR 2012-13)=(Rs.5142.06/Cum)=0.10x5142.06=Rs514.20

3).Cost of Centring work Qty=Slab bottom= 1.10x1.10=1.21Sqm
Alround Slab= 4.00x0.15=0.60Sqm

Total=1.81Sqm

(P-16/I-4.28,SR 2012-13 =1.81x254.40=Rs.460.46

Total=Rs.1598.66

The Cost of precast Slab is Say Rs.1600/Sqm.

AE
Wno.14

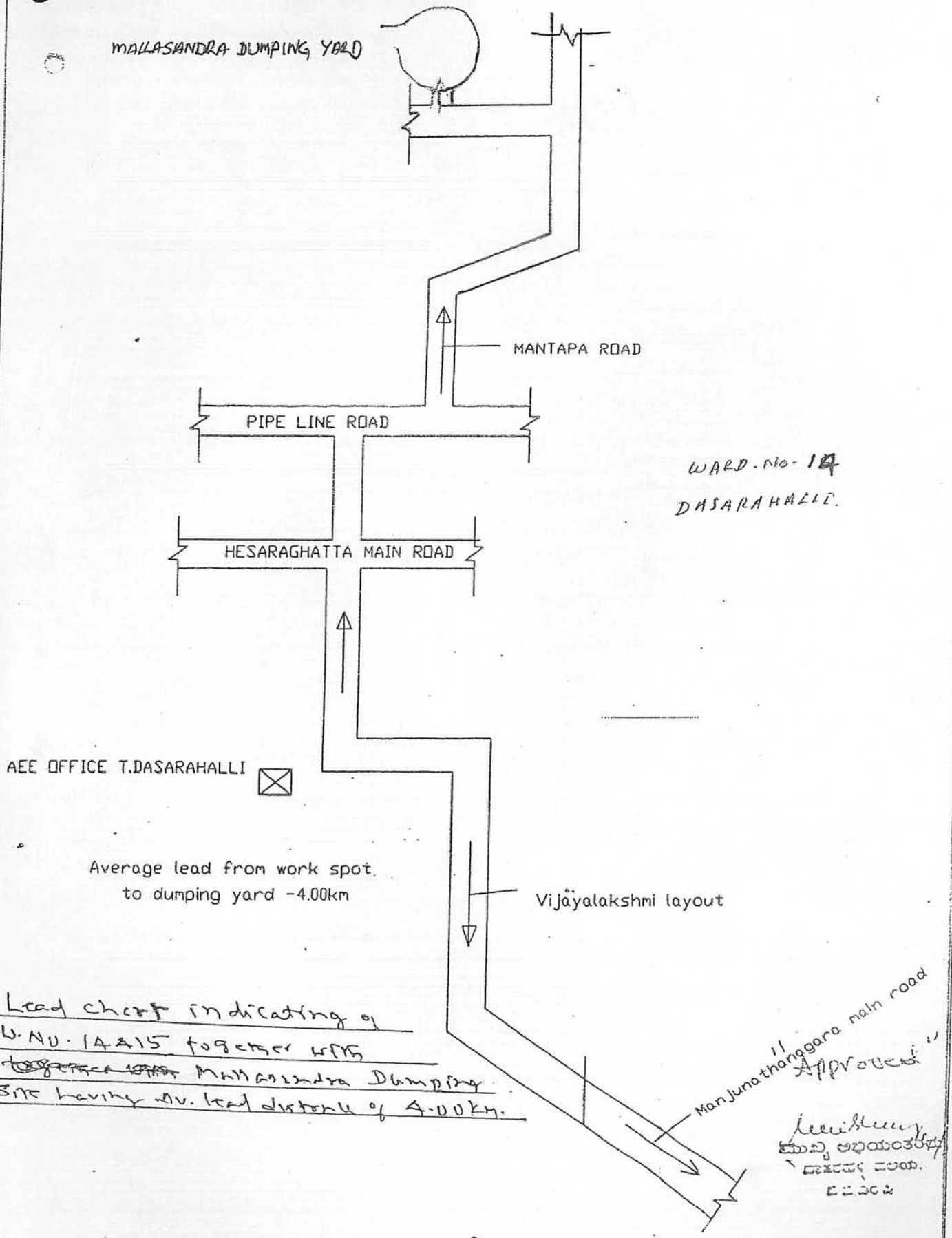
AE
Wno.15

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP Bangalore.

Executive Engineer
Dasarahalli Division
BBMP Bangalore.

Approved

LEAD CHART FOR TRANSPORTING SILT FROM WORK SPOT TO DUMPING YARD



Lead chart indicating of W.No. 14 & 15 together with ~~Office~~ Mallasandra Dumping Site having Av. lead distance of 4.00 km.

"Approved"

Assist. Engineer
Ward no. 14 & 15

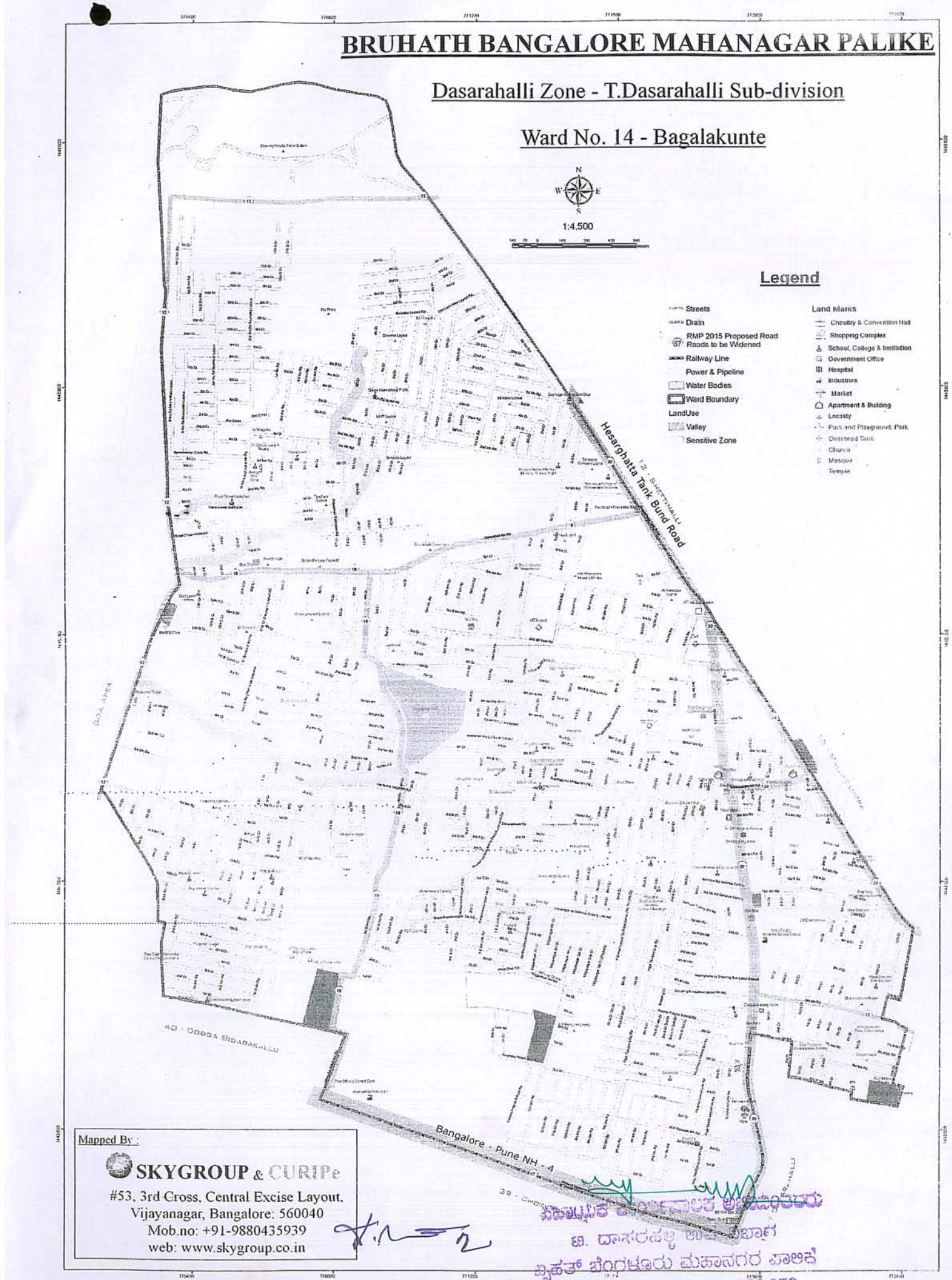
Assist. Executive Engineer
T. Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP

BRUHATH BANGALORE MAHANAGAR PALIKE

Dasarahalli Zone - T.Dasarahalli Sub-division

Ward No. 14 - Bagalakunte



Mapped By :

SKYGROUP & CURIPe

#53, 3rd Cross, Central Excise Layout,
Vijayanagar, Bangalore: 560040
Mob.no: +91-9880435939
web: www.skygroup.co.in

ಸಹಾಯಕ ಕಂದಾಯ ಅಧಿಕಾರಿಯವರು
ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073